

REMARKS

Summary

Claims 1-18, 20-27 and 29-36 were pending. Claims 1-7 were rejected, and Claims 8-10, 17, 18, 20-27 and 29-36 were allowed in the present Final Office action. The Applicants have amended Claims 1 and 8. No new matter has been added. The Applicants respectfully request reconsideration of the rejections.

Claim Objections

The Examiner has objected to Claim 8.

Accordingly, the Applicants amended Claim 8 to overcome the Objections.

Claim Rejections

35 U.S.C. § 103(a)

Claims 1-3 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., Korean Patent Document No. P1999-0074559 (made of record by the applicant), in view of Dohjo et al, U.S. Patent No. 6,078,366. And, Claims 4, 5, and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., Korean Patent Document No. P1999-74559, in view of Dohjo et al., U.S. Patent No. 6078366 as applied above, and further in view of Lee, US 2002/0163602.

The rejection of claims 1-3 and 6 under 35 U.S.C. § 103(a) as being unpatentable over Kim in view of Dohjo is respectfully traversed and reconsideration is requested.

And, the rejection of claims 4, 5, and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim in view of Dohjo, and further in view of Lee is respectfully traversed and reconsideration is requested.

Independent claim 1, as amended, recites a Liquid Crystal Display Device including, in part “a gate line arranged in one direction on the substrate and having an edge portion bent angularly and inwardly... a data line overlapping some of the bent edge portion of the gate line, data line perpendicular to the gate line to define a pixel region..., and wherein in the edge portion of the gate line that is bent angularly and inwardly, some parts are overlapped with the data line, and the rest are not overlapped with the data line”

The amended independent claim 1 is supported by paragraph [0053] of original specification.

Additionally, in the Office Action, the Examiner acknowledges that Kim does not teach “an active layer below the data line, the source electrode and the drain electrode”. The Examiner cites Dohjo as allegedly curing the deficiencies of Kim.

Applicants submit that even if the Examiner is correct concerning the teaching of Dohjo, that Dohjo does not teach “a gate line arranged in one direction on the substrate and having an edge portion bent angularly and inwardly” and “wherein in the edge portion of the gate line that is bent angularly and inwardly, some parts are overlapped with the data line, and the rest are not overlapped with the data line” as recited in the amended claim 1.

Also, Lee does not teach “a gate line arranged in one direction on the substrate and having an edge portion bent angularly and inwardly” and “wherein in the edge portion of the gate line that is bent angularly and inwardly, some parts are overlapped with the data line, and the rest are not overlapped with the data line” as recited in the amended claim 1.

Accordingly, Applicant submits that Kim, Dohjo, and Lee, analyzed singly or in combination, do not teach or suggest the feature recited in the amended independent claim 1, and that claims 2-7 depending from claim 1 are each allowable over Kim, Dohjo, and Lee.

Accordingly, it is respectfully submitted independent claim 1 and each claim depending therefrom are also allowable.

Conclusion

Claims 1-18, 20-27 and 29-36 were pending. In view of the amendments herein and for at least the reasons presented above, the Applicants respectfully request that the rejections and objections be withdrawn, and that a timely notice of allowance issue.

The Examiner is respectfully requested to contact the undersigned in the event that a telephone interview would expedite consideration of the application.

Respectfully submitted,



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